

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/002262A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C7/167 C07C7/163 B01J23/63 B01J23/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/068843 A1 (DAI WEI ET AL) 6 June 2002 (2002-06-06) examples 1-15; tables 1,2,4,5 examples comparative,1,3 claims 1,12,17-24 -----	1-3,6,7, 10,12, 13,16
X	IMAMURA H ET AL: "Hydrogenation behavior of propyne on supported Eu-Pd and Yb-Pd bimetallic catalysts with anomalous hydrogen uptake" JOURNAL OF ALLOYS AND COMPOUNDS, ELSEVIER SEQUOIA, LAUSANNE, CH, vol. 303-304, May 2000 (2000-05), pages 514-519, XP004204411 ISSN: 0925-8388 abstract paragraphs '02.2!, '03.1! -----	1,2,9, 10,12, 13,16
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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& document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
3 August 2004	23/08/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Holzwarth, A

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	S. H. MOON ET AL.: "Selective hydrogenation of acetylene on Pd/SiO ₂ catalysts promoted with Ti, Nb and Ce oxides" CATALYSIS TODAY, ELSEVIER, vol. 63, 30 November 2000 (2000-11-30), pages 183-188, XP002290968 abstract; table 1 paragraphs '02.1!, '03.1! -----	1, 2, 6-13, 16
A	US 2 946 829 A (MCCARTHY DONALD O ET AL) 26 July 1960 (1960-07-26) cited in the application -----	
A	US 2 909 578 A (ANDERSEN HOLGER C ET AL) 20 October 1959 (1959-10-20) cited in the application -----	
A	US 4 762 956 A (LIU XIN X ET AL) 9 August 1988 (1988-08-09) cited in the application -----	

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Information on patent family members

International Application No
PCT/GB2004/002262

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2002068843	A1	06-06-2002	WO	03015916 A1		27-02-2003
US 2946829	A	26-07-1960	NONE			
US 2909578	A	20-10-1959	NONE			
US 4762956	A	09-08-1988	US	4940687 A		10-07-1990